

CLAIMS

1. Method for notifying calls from first terminals (1), via a telecommunication
5 network (2), to a second terminal (4) which is temporarily not accessible,
comprising next steps:
 - an identifier of such an unsuccessfully calling first terminal is derived from said telecommunication network;
 - the derived identifier is registered;
 - 10 - it is monitored when the second terminal becomes accessible;
 - when the second terminal has become accessible the registered identifier is transmitted to the second terminal.
2. Method according to claim 1, wherein the second terminal, after having
15 become accessible, receives and stores the transmitted identifier of the relevant first terminal.
3. Method according to claim 2, wherein the first terminal's identifier comprises its calling line identifier.
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4. Method according to claim 3, wherein the second terminal, after having become accessible, is called using an artificial calling line identifier, having the value of the calling line identifier of the relevant unsuccessfully calling first terminal.
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5. Method according to claim 1, wherein the call to the second terminal is aborted as soon as the identifier has been transmitted to the second terminal.
- 30 6. System comprising a notification server (6) for notifying unsuccessful calls from first terminals (1) via a telecommunication network (2) to a second terminal (4) which temporarily may be not accessible by said first terminals and/or the telecommunication network, the notification server being fit to register an

identifier of such an unsuccessfully calling first terminal (1) and to transmit the identifier to the second terminal (4) after the second terminal has become accessible.

- 5 7. System according to claim 6, comprising monitoring means (5), co-operating with the notification server (6), for monitoring the accessibility of the second terminal, the notification server (6), after the second terminal (4) has become accessible, transmitting the registered identifier to the second terminal.
- 10 8. System according to claim 7, the notification server (6) being fit to register a calling line identifier of the relevant unsuccessfully calling first terminal (1) and to call, after the second terminal (4) has become accessible, the second terminal (4), transmitting an artificial calling line identifier having the value of the calling line identifier of the relevant unsuccessfully calling first terminal,
- 15 registered by the notification server.

9. System according to claim 6, the notification server (6) aborting the call to the second terminal (4) as soon as the identifier has been transmitted to the second terminal.

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10. A notification server (6) for notifying unsuccessful calls from first terminals (1) via a telecommunication network (2) to a second terminal (4) which temporarily may be not accessible by said first terminals and/or the
- 25 telecommunication network, the notification server comprising means fit to detect and register an identifier of such an unsuccessfully calling first terminal (1), means for co-operation with means (5) for monitoring the accessibility of the second terminal, and means to transmit each registered identifier to the second terminal (4) after the second terminal has become accessible.

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11. A notification server (6) according to claim 10, comprising means fit to detect and register a calling line identifier of the relevant unsuccessfully calling first terminal (1) and means fit to call, after the second terminal (4) has become

accessible, the second terminal (4), and means for transmitting an artificial calling line identifier having the value of the calling line identifier of the relevant unsuccessfully calling first terminal, registered by the notification server.

- 5 12. A notification server (6) according to claim 10, comprising means for aborting the call to the second terminal (4) as soon as the identifier has been transmitted to the second terminal.

- 10 13. Software for controlling a notification server (6) according to claims 10 to 12, fit to co-operate with control software of said telecommunication network (2) and to detect and register the identifier of each unsuccessfully calling first terminal (1), and to transmit each registered identifier to the second terminal (4) after the second terminal has become accessible.

- 15 14. Software according to claim 13, fit to register the calling line identifier of the relevant unsuccessfully calling first terminal (1), fit to generate an artificial calling line identifier having the value of the calling line identifier of the relevant unsuccessfully calling first terminal, registered by the notification server, and fit
20 to call, after the second terminal (4) has become accessible, the second terminal (4), transmitting said artificial calling line identifier.